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1	BRS	L1	1200	(predetermin\$3 or pre adj1 determin\$3) near3 (bit adj pattern\$3)	USPAT	2004/07/21 16:17
2	BRS	L3	65	(360/\$).ccls. and 1	USPAT	2004/07/21 16:18
3	BRS	L4	75	(341/\$).ccls. and 1	USPAT	2004/07/21 16:18
4	BRS	L5	230	(375/\$).ccls. and 1	USPAT	2004/07/21 16:18
5	BRS	L6	226	(714/\$).ccls. and 1	USPAT	2004/07/21 16:18
6	BRS	L7	19	(360/39-40).ccls. and 1	USPAT	2004/07/21 16:19
7	BRS	L2	12	(360/48).ccls. and 1	USPAT	2004/07/21 16:19

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74	BRS	9	(360/.ccls.) and ((341/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)))	USPAT	2004/07/21 14:51
75	BRS	28	(16/17) adj3 rate	USPAT	2004/07/21 14:57
76	BRS	0	(16/17) adj3 (bit adj pattern)	USPAT	2004/07/21 14:57
77	BRS	11	(16/17) same (bit adj pattern)	USPAT	2004/07/21 14:57
78	BRS	38	(16/17) near3 (cod\$3 adj3 (rate or ratio))	USPAT	2004/07/21 16:06


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**1 Thresholds and scheduling for LDPC-coded partial response channels**

Thangaraj, A.; McLaughlin, S.W.;  
*Magnetics, IEEE Transactions on*, Volume: 38 , Issue: 5 , Sept. 2002  
 Pages:2307 - 2309

[\[Abstract\]](#) [\[PDF Full-Text \(207 KB\)\]](#) IEEE JNL

**2 Generalized partial-response targets for perpendicular recording with jitter noise**

Kovintavewat, P.; Ozgunes, I.; Kurtas, E.; Barry, J.R.; McLaughlin, S.W.;  
*Magnetics, IEEE Transactions on*, Volume: 38 , Issue: 5 , Sept. 2002  
 Pages:2340 - 2342

[\[Abstract\]](#) [\[PDF Full-Text \(219 KB\)\]](#) IEEE JNL

**3 Optical OOK-CDMA and PPM-CDMA systems with turbo product codes**

Argon, C.; McLaughlin, S.W.;  
*Lightwave Technology, Journal of*, Volume: 20 , Issue: 9 , Sept. 2002  
 Pages:1653 - 1663

[\[Abstract\]](#) [\[PDF Full-Text \(571 KB\)\]](#) IEEE JNL

**4 Joint timing recovery and turbo equalization for coded partial response channels**

Nayak, A.R.; Barry, J.R.; McLaughlin, S.W.;  
*Magnetics, IEEE Transactions on*, Volume: 38 , Issue: 5 , Sept. 2002  
 Pages:2295 - 2297

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE JNL

**5 Performance analysis of slotted random access channels for W-CDMA systems in Nak fading channels**

Cooper, W.; Zeidler, J.R.; McLaughlin, S.;  
*Vehicular Technology, IEEE Transactions on*, Volume: 51 , Issue: 3 , May 2002  
 Pages:411 - 424

[\[Abstract\]](#) [\[PDF Full-Text \(521 KB\)\]](#) IEEE JNL

**6 A parallel decoder for low latency decoding of turbo product codes**

Argon, C.; McLaughlin, S.W.;  
*Communications Letters, IEEE* , Volume: 6 , Issue: 2 , Feb. 2002  
 Pages:70 - 72

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41	BRS	L48	23	(encod\$3) same (isolat\$3 near3 transitions)	USPAT	2004/07/21 11:27	
42	BRS	L50	3	(encod\$3) near10 (isolat\$3 near3 transitions)	USPAT	2004/07/21 11:29	
43	BRS	L52	0	(encod\$3) near10 (isolat\$3 near3 transitions)	EPO	2004/07/21 11:29	
44	BRS	L53	0	(encod\$3) near10 (isolat\$3 near3 transitions)	JPO	2004/07/21 11:29	
45	BRS	L54	0	(encod\$3) near10 (isolat\$3 near3 transitions)	DERWENT	2004/07/21 11:29	
46	BRS	L55	0	(encod\$3) near10 (isolat\$3 near3 transitions)	IBM_TDB	2004/07/21 11:29	
47	BRS	L51	3	(encod\$3) near10 (isolat\$3 near3 transitions)	US-PGPUB	2004/07/21 11:29	

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L3	15	(code adj rate) same (bit adj pattern)	USPAT	2004/07/21 10:05
2	BRS	L4	28	(code adj rate) same "111"	USPAT	2004/07/21 10:09
3	BRS	L5	3	(code adj rate) same "0100"	USPAT	2004/07/21 09:26
4	BRS	L7	1	4 and 5 and 6	USPAT	2004/07/21 09:27
5	BRS	L8	1737	(714/.ccls.) and (bit adj pattern)	USPAT	2004/07/21 09:41
6	BRS	L9	6	(714/.ccls.) and ((code adj rate) same (bit adj pattern))	USPAT	2004/07/21 09:42
7	BRS	L11	0	(cod\$3 and decod\$3) SAME (improv\$3 or optimiz\$3) SAME (tim\$3 adj recovery)	EPO	2004/07/21 10:03
8	BRS	L12	0	(cod\$3 and decod\$3) SAME (improv\$3 or optimiz\$3) SAME (tim\$3 adj recovery)	JPO	2004/07/21 10:03
9	BRS	L10	4	(cod\$3 and decod\$3) SAME (improv\$3 or optimiz\$3) SAME (tim\$3 adj recovery)	USPAT	2004/07/21 10:03
10	BRS	L13	0	(cod\$3 and decod\$3) SAME (improv\$3 or optimiz\$3) SAME (tim\$3 adj recovery)	DERW ENT	2004/07/21 10:03

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L14	0	(cod\$3 and decod\$3) SAME (improv\$3 or optimiz\$3) SAME (tim\$3 adj recovery)	IBM_T DB	2004/07/21 10:04
12	BRS	L16	0	(code adj rate) same (bit adj pattern)	EPO	2004/07/21 10:05
13	BRS	L17	0	(code adj rate) same (bit adj pattern)	JPO	2004/07/21 10:05
14	BRS	L18	0	(code adj rate) same (bit adj pattern)	DERW ENT	2004/07/21 10:05
15	BRS	L19	0	(code adj rate) same (bit adj pattern)	IBM_T DB	2004/07/21 10:05
16	BRS	L15	6	(code adj rate) same (bit adj pattern)	US-PG PUB	2004/07/21 10:05
17	BRS	L6	4	(code adj rate) same "0010"	USPAT	2004/07/21 10:06
18	BRS	L20	345	(bit adj pattern) same "111"	USPAT	2004/07/21 10:09
19	BRS	L21	152	(bit adj pattern) same "0100"	USPAT	2004/07/21 10:09
20	BRS	L22	155	(bit adj pattern) same "0010"	USPAT	2004/07/21 10:10
21	BRS	L23	1	20 and 21 and 22	USPAT	2004/07/21 10:11
22	BRS	L24	78	21 and 22	USPAT	2004/07/21 10:11
23	BRS	L25	119	((360/48).ccls.) and (bit adj3 pattern)	USPAT	2004/07/21 10:11
24	BRS	L26	5	((360/48).ccls.) and ((bit adj3 pattern) same (code adj rate))	USPAT	2004/07/21 10:13

	Type	L #	Hits	Search Text	DBs	Time Stamp
25	BRS	L27	13	("3636536" "4355408" "4379347" "4707842" "4890299" "4945538" "4965873" "5173694" "5258933" "5260976" "5267267" "5463664" "5521945").pn.	USPAT	2004/07/21 10:19
26	BRS	L29	133	(341/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code))	USPAT	2004/07/21 10:19
27	BRS	L30	470	(714/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code))	USPAT	2004/07/21 10:20
28	BRS	L32	276	(375/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code))	USPAT	2004/07/21 10:20

	Type	L #	Hits	Search Text	DBs	Time Stamp
29	BRS	L31	52.	(360/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code))	USPAT	2004/07/21 10:20
30	BRS	L33	1	(360/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)) same (bit adj pattern))	USPAT	2004/07/21 10:21
31	BRS	L35	0	(360/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)) same (code adj rate))	USPAT	2004/07/21 10:22
32	BRS	L36	0	(360/.ccls.) and ((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)) same ("111"))	USPAT	2004/07/21 10:22

	Type	L #	Hits	Search Text	DBs	Time Stamp
33	BRS	L38	0	(360/.ccls.) and (((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)) same ("0010"))	USPAT	2004/07/21 10:22
34	BRS	L37	1	(360/.ccls.) and (((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)) same ("0100"))	USPAT	2004/07/21 10:22
35	BRS	L34	25	(360/.ccls.) and (((finite adj state adj machine) or (finite adj state adj machine adj code) or (finite adj state adj code)) same (code))	USPAT	2004/07/21 10:33
36	BRS	L42	244	(encod\$3 and decod\$3) adj (table or (look-up adj table) or (look adj1 up adj table))	USPAT	2004/07/21 10:33
37	BRS	L43	13	(360/.ccls.) and ((encod\$3 and decod\$3) adj (table or (look-up adj table) or (look adj1 up adj table)))	USPAT	2004/07/21 10:34

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38	BRS	L44	91	(341/.ccls.) and ((encod\$3 and decod\$3) adj (table or (look-up adj table) or (look adj1 up adj table)))	USPAT	2004/07/21 10:34
39	BRS	L46	22	(714/.ccls.) and ((encod\$3 and decod\$3) adj (table or (look-up adj table) or (look adj1 up adj table)))	USPAT	2004/07/21 10:34
40	BRS	L45	45	(375/.ccls.) and ((encod\$3 and decod\$3) adj (table or (look-up adj table) or (look adj1 up adj table)))	USPAT	2004/07/21 10:34